



AF/2853

AMENDMENT TRANSMITTAL LETTERDocket No.
SON-1994/KOIApplication No.
09/936,943Filing Date
January 16, 2002Examiner
L. NguyenArt Unit
2853

Applicant(s): Yuji YAKURA, et al.

Invention: METHOD FOR DRIVING RECORDING HEAD, RECORDING HEAD AND INK JET
PRINTER**TO THE COMMISSIONER FOR PATENTS**

Transmitted herewith is an amendment in the above-identified application.

The fee has been calculated and is transmitted as shown below.

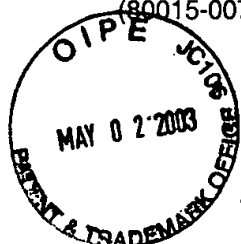
CLAIMS AS AMENDED					
	Claims Remaining After Amendment	Highest Number Previously Paid	Number Extra Claims Present	Rate	
Total Claims	36	- 36 =		x	0.00
Independent Claims	9	- 9 =		x	0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					
Other fee (please specify):					
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:					

☒ Large Entity☐ Small Entity☒ No additional fee is required for this amendment.☐ Please charge Deposit Account No. _____ in the amount of \$ _____.
A duplicate copy of this sheet is enclosed.☐ A check in the amount of \$ _____ to cover the filing fee is enclosed.☐ Payment by credit card. Form PTO-2038 is attached.☒ The Commissioner is hereby authorized to charge and credit Deposit Account No. 18-0013
as described below. A duplicate copy of this sheet is enclosed.☒ Credit any overpayment.☒ Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17._____
Ronald P. Kananen
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(202) 955-3750
Customer No. 23353Dated: May 2, 2003RECEIVED
MAY - 6 2003
TC 2800 MAIL ROOM

SON-1994/KOI
(80015-0070)

PATENT APPLICATION

11/BNE
P. Walker
51203



RESPONSE UNDER 37 C.F.R. §1.116
EXPEDITED PROCEDURE
EXAMINING GROUP 2853

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Yuji YAKURA et al.

Application No.: 09/936,943

Filed: January 16, 2002

For: METHOD FOR DRIVING RECORDING HEAD, RECORDING HEAD AND
INK JET PRINTER

Examiner: L. Nguyen

Art Unit: 2853

Confirmation No. 2994

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RESPONSE

MAIL STOP AF

Commissioner for Patents

P.O. Box 1450

Alexandria, Virginia 22313-1450

Sir:

In response to the final Official Action mailed on February 20, 2003, please
amend the above-identified application as follows:

IN THE CLAIMS:

Please amend claim 4 as set forth below in clean form. Additionally, in
accordance with 37 CFR 1.121(c)(1)(ii), amended claim(s) is/are set forth in a marked-
up version in the page(s) attached to this Amendment.

4. (Twice Amended) A recording head having a plurality of heating
elements as driving elements for ejecting ink droplets from a plurality of nozzles, the
plurality of heating elements being arranged in a direction substantially perpendicular to
the direction of carrying a carried recording medium, the recording head comprising:

time-division driving means for dividing the plurality of heating elements
into a plurality of blocks, each block consisting of a predetermined number of spatially
arranged heating elements of the plurality of heating elements corresponding to the

Not enter
LN
05/14/03